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13281  
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U.S. PTO10/790180  
22857  
U.S. PTO  
030204

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

|                        |  |
|------------------------|--|
| Attorney Docket No.    | 501.43537X00   |
| First Inventor         | KAGOSHIMA, AKIRA   |
| Title                  | METHOD OF DETECTING PARTICLES AND A<br>PROCESSING APPARATUS USING THE SAME |
| Express Mail Label No. |  |

**APPLICATION ELEMENTS**

SEE MPEP chapter 600 concerning utility patent application contents.

**ADDRESS TO:**  
Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

- Fee Transmittal Form (e.g., PTO/SB/17)  
*(Submit an original and a duplicate for fee processing)*
- Applicant claims small entity status.  
See 37 CFR 1.27.
- Specification [Total Pages: 35]  
*(preferred arrangement set forth below)*
  - Descriptive title of the invention.
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
- Drawing(s) (35 U.S.C. 113) [Total Sheets: 12]
- Oath or Declaration [Total Sheets: \_\_\_\_\_]
  - a.  Newly executed (original or copy)
  - b.  Copy from a prior application (37 CFR 1.63 (d))  
*(for continuation/divisional with Box 18 completed)*
    - i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
Named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)
- Application Data Sheet. See 37 CFR 1.76

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
*if applicable, all necessary*
  - a.  Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  paper
  - c.  Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9.  Assignment Papers (cover sheet & documents(s))
10.  37 CFR 3.73(b) Statement  Power of Attorney  
*(when there is an assignee)*
11.  English Translation Document *(if applicable)*
12.  Information Disclosure  Copies of IDS Citations Statement (IDS)/PTO-1449
13.  Preliminary Amendment
14.  Return Receipt Postcard (MPEP 503)  
*(Should be specifically itemized)*
15.  Certified Copy of Priority Document(s)  
*(if foreign priority is claimed)*
16.  Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17.  Other: **Figs. 1-14; Credit Card Payment Form Claim For Priority**

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation       Divisional       Continuation-in-part (CIP)      of prior application No.:

Prior application information: Examiner: \_\_\_\_\_ Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

|   |                                      |                |          |  |
|---|--------------------------------------|----------------|----------|--|
| <input checked="" type="checkbox"/> Customer Number | 020457                               |                |          | OR <input type="checkbox"/> Correspondence address below |
| Name  | ANTONELLI, TERRY, STOUT & KRAUS, LLP |                |          |  |
| Address   |                                      |                |          |  |
| City  | State                                |                | Zip Code |  |
| Country   | Telephone                            | (703) 312-6600 | Fax      | (703) 312-6666   |
| Name (Print/Type)                                   | Registration No. (Attorney/Agent)    |                |          | 32,087   |
| Signature   |                                      |                |          | Date   |

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

030204

13281

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| <b>FEE TRANSMITTAL<br/>for FY 2004</b>  |                                      | <i>Complete if Known</i>  |                     |                                    |                     |                      |                                      |  |  |              |              |                 |          |          |          |          |  |      |     |      |    |      |    |      |    |      |     |      |     |      |       |      |       |      |      |      |      |      |       |      |        |      |     |      |    |      |     |      |     |      |     |      |     |      |       |      |     |      |       |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |       |      |     |      |    |      |       |      |     |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |    |      |    |      |     |      |     |      |    |      |    |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |     |                           |  |  |  |                                   |  |  |  |                          |  |  |  |  |  |      |  |
|---|--------------------------------------|---------------------------|---------------------|------------------------------------|---------------------|----------------------|--------------------------------------|--|--|--------------|--------------|-----------------|----------|----------|----------|----------|--|------|-----|------|----|------|----|------|----|------|-----|------|-----|------|-------|------|-------|------|------|------|------|------|-------|------|--------|------|-----|------|----|------|-----|------|-----|------|-----|------|-----|------|-------|------|-----|------|-------|------|-------|------|-----|------|-----|------|-----|------|-----|------|-----|------|-----|------|-------|------|-------|------|-----|------|----|------|-------|------|-----|------|-------|------|-----|------|-----|------|-----|------|-----|------|-----|------|-----|------|-----|------|----|------|----|------|-----|------|-----|------|----|------|----|------|-----|------|-----|------|-----|------|-----|------|-----|------|-----|------|-----|------|-----|---------------------------|--|--|--|-----------------------------------|--|--|--|--------------------------|--|--|--|--|--|------|--|
|   |                                      | Application Number        |                     |                                    |                     |                      |                                      |  |  |              |              |                 |          |          |          |          |  |      |     |      |    |      |    |      |    |      |     |      |     |      |       |      |       |      |      |      |      |      |       |      |        |      |     |      |    |      |     |      |     |      |     |      |     |      |       |      |     |      |       |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |       |      |     |      |    |      |       |      |     |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |    |      |    |      |     |      |     |      |    |      |    |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |     |                           |  |  |  |                                   |  |  |  |                          |  |  |  |  |  |      |  |
|   |                                      | Filing Date               | March 2, 2004       |                                    |                     |                      |                                      |  |  |              |              |                 |          |          |          |          |  |      |     |      |    |      |    |      |    |      |     |      |     |      |       |      |       |      |      |      |      |      |       |      |        |      |     |      |    |      |     |      |     |      |     |      |     |      |       |      |     |      |       |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |       |      |     |      |    |      |       |      |     |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |    |      |    |      |     |      |     |      |    |      |    |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |     |                           |  |  |  |                                   |  |  |  |                          |  |  |  |  |  |      |  |
|   |                                      | First Named Inventor      | KAGOSHIMA, AKIRA    |                                    |                     |                      |                                      |  |  |              |              |                 |          |          |          |          |  |      |     |      |    |      |    |      |    |      |     |      |     |      |       |      |       |      |      |      |      |      |       |      |        |      |     |      |    |      |     |      |     |      |     |      |     |      |       |      |     |      |       |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |       |      |     |      |    |      |       |      |     |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |    |      |    |      |     |      |     |      |    |      |    |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |     |                           |  |  |  |                                   |  |  |  |                          |  |  |  |  |  |      |  |
|   |                                      | Examiner Name             |                     |                                    |                     |                      |                                      |  |  |              |              |                 |          |          |          |          |  |      |     |      |    |      |    |      |    |      |     |      |     |      |       |      |       |      |      |      |      |      |       |      |        |      |     |      |    |      |     |      |     |      |     |      |     |      |       |      |     |      |       |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |       |      |     |      |    |      |       |      |     |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |    |      |    |      |     |      |     |      |    |      |    |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |     |                           |  |  |  |                                   |  |  |  |                          |  |  |  |  |  |      |  |
|   |                                      | Art Unit                  |                     |                                    |                     |                      |                                      |  |  |              |              |                 |          |          |          |          |  |      |     |      |    |      |    |      |    |      |     |      |     |      |       |      |       |      |      |      |      |      |       |      |        |      |     |      |    |      |     |      |     |      |     |      |     |      |       |      |     |      |       |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |       |      |     |      |    |      |       |      |     |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |    |      |    |      |     |      |     |      |    |      |    |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |     |                           |  |  |  |                                   |  |  |  |                          |  |  |  |  |  |      |  |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27  |                                      |                           |                     |                                    |                     |                      |                                      |  |  |              |              |                 |          |          |          |          |  |      |     |      |    |      |    |      |    |      |     |      |     |      |       |      |       |      |      |      |      |      |       |      |        |      |     |      |    |      |     |      |     |      |     |      |     |      |       |      |     |      |       |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |       |      |     |      |    |      |       |      |     |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |    |      |    |      |     |      |     |      |    |      |    |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |     |                           |  |  |  |                                   |  |  |  |                          |  |  |  |  |  |      |  |
| <b>TOTAL AMOUNT OF PAYMENT</b>  |                                      | <b>(\$)</b> <b>770.00</b> | Attorney Docket No. |                                    | <b>501.43537X00</b> |                      |                                      |  |  |              |              |                 |          |          |          |          |  |      |     |      |    |      |    |      |    |      |     |      |     |      |       |      |       |      |      |      |      |      |       |      |        |      |     |      |    |      |     |      |     |      |     |      |     |      |       |      |     |      |       |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |       |      |     |      |    |      |       |      |     |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |    |      |    |      |     |      |     |      |    |      |    |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |     |                           |  |  |  |                                   |  |  |  |                          |  |  |  |  |  |      |  |
| <b>METHOD OF PAYMENT</b> (check all that apply)   |                                      |                           |                     | <b>FEE CALCULATION</b> (continued) |                     |                      |                                      |  |  |              |              |                 |          |          |          |          |  |      |     |      |    |      |    |      |    |      |     |      |     |      |       |      |       |      |      |      |      |      |       |      |        |      |     |      |    |      |     |      |     |      |     |      |     |      |       |      |     |      |       |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |       |      |     |      |    |      |       |      |     |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |    |      |    |      |     |      |     |      |    |      |    |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |     |                           |  |  |  |                                   |  |  |  |                          |  |  |  |  |  |      |  |
| <input type="checkbox"/> Check <input checked="" type="checkbox"/> Credit Card <input type="checkbox"/> Money <input type="checkbox"/> Other <input type="checkbox"/> None Order<br><br><input checked="" type="checkbox"/> Deposit Account:<br><table border="1" style="margin-left: 10px;"> <tr><td>Deposit Account Number</td><td>01-2135</td></tr> <tr><td>Deposit Account Name</td><td>Antonelli, Terry, Stout &amp; Kraus, LLP</td></tr> </table><br>The Director is authorized to: (check all that apply)<br><input type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments<br><br><input checked="" type="checkbox"/> Charge any additional fee(s) during the pendency of this application.<br><br><input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account. |                                      |                           |                     | Deposit Account Number             | 01-2135             | Deposit Account Name | Antonelli, Terry, Stout & Kraus, LLP | <b>3. ADDITIONAL FEES</b><br><table border="1" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">Large Entity</th> <th style="text-align: left;">Small Entity</th> <th style="text-align: left;">Fee Description</th> <th style="text-align: right;">Fee Paid</th> </tr> </thead> <tbody> <tr><td>Fee Code</td><td>Fee Code</td><td>Fee (\$)</td><td></td></tr> <tr><td>1051</td><td>130</td><td>2051</td><td>65</td></tr> <tr><td>1052</td><td>50</td><td>2052</td><td>25</td></tr> <tr><td>1053</td><td>130</td><td>1053</td><td>130</td></tr> <tr><td>1812</td><td>2,520</td><td>1812</td><td>2,520</td></tr> <tr><td>1804</td><td>920*</td><td>1804</td><td>920*</td></tr> <tr><td>1805</td><td>1,840</td><td>1805</td><td>1,840*</td></tr> <tr><td>1251</td><td>110</td><td>2251</td><td>55</td></tr> <tr><td>1252</td><td>420</td><td>2252</td><td>210</td></tr> <tr><td>1253</td><td>950</td><td>2253</td><td>475</td></tr> <tr><td>1254</td><td>1,480</td><td>2254</td><td>740</td></tr> <tr><td>1255</td><td>2,010</td><td>2255</td><td>1,005</td></tr> <tr><td>1401</td><td>330</td><td>2401</td><td>165</td></tr> <tr><td>1402</td><td>330</td><td>2402</td><td>165</td></tr> <tr><td>1403</td><td>290</td><td>2403</td><td>145</td></tr> <tr><td>1451</td><td>1,510</td><td>1451</td><td>1,510</td></tr> <tr><td>1452</td><td>110</td><td>2452</td><td>55</td></tr> <tr><td>1453</td><td>1,330</td><td>2453</td><td>665</td></tr> <tr><td>1501</td><td>1,330</td><td>2501</td><td>665</td></tr> <tr><td>1502</td><td>480</td><td>2502</td><td>240</td></tr> <tr><td>1503</td><td>640</td><td>2503</td><td>320</td></tr> <tr><td>1406</td><td>130</td><td>1460</td><td>130</td></tr> <tr><td>1807</td><td>50</td><td>1807</td><td>50</td></tr> <tr><td>1806</td><td>180</td><td>1806</td><td>180</td></tr> <tr><td>8021</td><td>40</td><td>8021</td><td>40</td></tr> <tr><td>1809</td><td>770</td><td>2809</td><td>385</td></tr> <tr><td>1810</td><td>770</td><td>2810</td><td>385</td></tr> <tr><td>1801</td><td>770</td><td>2801</td><td>385</td></tr> <tr><td>1802</td><td>900</td><td>1802</td><td>900</td></tr> <tr><td colspan="4">Other fee (specify) _____</td></tr> <tr> <td colspan="4" style="text-align: right;">*Reduced by Basic Filing Fee Paid</td> <td colspan="2" style="text-align: right;"><b>SUBTOTAL (3) (\$)</b></td> </tr> <tr> <td colspan="4"></td> <td colspan="2" style="text-align: right;">0.00</td> </tr> </tbody> </table> |  | Large Entity | Small Entity | Fee Description | Fee Paid | Fee Code | Fee Code | Fee (\$) |  | 1051 | 130 | 2051 | 65 | 1052 | 50 | 2052 | 25 | 1053 | 130 | 1053 | 130 | 1812 | 2,520 | 1812 | 2,520 | 1804 | 920* | 1804 | 920* | 1805 | 1,840 | 1805 | 1,840* | 1251 | 110 | 2251 | 55 | 1252 | 420 | 2252 | 210 | 1253 | 950 | 2253 | 475 | 1254 | 1,480 | 2254 | 740 | 1255 | 2,010 | 2255 | 1,005 | 1401 | 330 | 2401 | 165 | 1402 | 330 | 2402 | 165 | 1403 | 290 | 2403 | 145 | 1451 | 1,510 | 1451 | 1,510 | 1452 | 110 | 2452 | 55 | 1453 | 1,330 | 2453 | 665 | 1501 | 1,330 | 2501 | 665 | 1502 | 480 | 2502 | 240 | 1503 | 640 | 2503 | 320 | 1406 | 130 | 1460 | 130 | 1807 | 50 | 1807 | 50 | 1806 | 180 | 1806 | 180 | 8021 | 40 | 8021 | 40 | 1809 | 770 | 2809 | 385 | 1810 | 770 | 2810 | 385 | 1801 | 770 | 2801 | 385 | 1802 | 900 | 1802 | 900 | Other fee (specify) _____ |  |  |  | *Reduced by Basic Filing Fee Paid |  |  |  | <b>SUBTOTAL (3) (\$)</b> |  |  |  |  |  | 0.00 |  |
| Deposit Account Number  | 01-2135                              |                           |                     |                                    |                     |                      |                                      |  |  |              |              |                 |          |          |          |          |  |      |     |      |    |      |    |      |    |      |     |      |     |      |       |      |       |      |      |      |      |      |       |      |        |      |     |      |    |      |     |      |     |      |     |      |     |      |       |      |     |      |       |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |       |      |     |      |    |      |       |      |     |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |    |      |    |      |     |      |     |      |    |      |    |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |     |                           |  |  |  |                                   |  |  |  |                          |  |  |  |  |  |      |  |
| Deposit Account Name  | Antonelli, Terry, Stout & Kraus, LLP |                           |                     |                                    |                     |                      |                                      |  |  |              |              |                 |          |          |          |          |  |      |     |      |    |      |    |      |    |      |     |      |     |      |       |      |       |      |      |      |      |      |       |      |        |      |     |      |    |      |     |      |     |      |     |      |     |      |       |      |     |      |       |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |       |      |     |      |    |      |       |      |     |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |    |      |    |      |     |      |     |      |    |      |    |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |     |                           |  |  |  |                                   |  |  |  |                          |  |  |  |  |  |      |  |
| Large Entity  | Small Entity                         | Fee Description           | Fee Paid            |                                    |                     |                      |                                      |  |  |              |              |                 |          |          |          |          |  |      |     |      |    |      |    |      |    |      |     |      |     |      |       |      |       |      |      |      |      |      |       |      |        |      |     |      |    |      |     |      |     |      |     |      |     |      |       |      |     |      |       |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |       |      |     |      |    |      |       |      |     |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |    |      |    |      |     |      |     |      |    |      |    |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |     |                           |  |  |  |                                   |  |  |  |                          |  |  |  |  |  |      |  |
| Fee Code  | Fee Code                             | Fee (\$)                  |                     |                                    |                     |                      |                                      |  |  |              |              |                 |          |          |          |          |  |      |     |      |    |      |    |      |    |      |     |      |     |      |       |      |       |      |      |      |      |      |       |      |        |      |     |      |    |      |     |      |     |      |     |      |     |      |       |      |     |      |       |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |       |      |     |      |    |      |       |      |     |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |    |      |    |      |     |      |     |      |    |      |    |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |     |                           |  |  |  |                                   |  |  |  |                          |  |  |  |  |  |      |  |
| 1051  | 130                                  | 2051                      | 65                  |                                    |                     |                      |                                      |  |  |              |              |                 |          |          |          |          |  |      |     |      |    |      |    |      |    |      |     |      |     |      |       |      |       |      |      |      |      |      |       |      |        |      |     |      |    |      |     |      |     |      |     |      |     |      |       |      |     |      |       |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |       |      |     |      |    |      |       |      |     |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |    |      |    |      |     |      |     |      |    |      |    |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |     |                           |  |  |  |                                   |  |  |  |                          |  |  |  |  |  |      |  |
| 1052  | 50                                   | 2052                      | 25                  |                                    |                     |                      |                                      |  |  |              |              |                 |          |          |          |          |  |      |     |      |    |      |    |      |    |      |     |      |     |      |       |      |       |      |      |      |      |      |       |      |        |      |     |      |    |      |     |      |     |      |     |      |     |      |       |      |     |      |       |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |       |      |     |      |    |      |       |      |     |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |    |      |    |      |     |      |     |      |    |      |    |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |     |                           |  |  |  |                                   |  |  |  |                          |  |  |  |  |  |      |  |
| 1053  | 130                                  | 1053                      | 130                 |                                    |                     |                      |                                      |  |  |              |              |                 |          |          |          |          |  |      |     |      |    |      |    |      |    |      |     |      |     |      |       |      |       |      |      |      |      |      |       |      |        |      |     |      |    |      |     |      |     |      |     |      |     |      |       |      |     |      |       |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |       |      |     |      |    |      |       |      |     |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |    |      |    |      |     |      |     |      |    |      |    |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |     |                           |  |  |  |                                   |  |  |  |                          |  |  |  |  |  |      |  |
| 1812  | 2,520                                | 1812                      | 2,520               |                                    |                     |                      |                                      |  |  |              |              |                 |          |          |          |          |  |      |     |      |    |      |    |      |    |      |     |      |     |      |       |      |       |      |      |      |      |      |       |      |        |      |     |      |    |      |     |      |     |      |     |      |     |      |       |      |     |      |       |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |       |      |     |      |    |      |       |      |     |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |    |      |    |      |     |      |     |      |    |      |    |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |     |                           |  |  |  |                                   |  |  |  |                          |  |  |  |  |  |      |  |
| 1804  | 920*                                 | 1804                      | 920*                |                                    |                     |                      |                                      |  |  |              |              |                 |          |          |          |          |  |      |     |      |    |      |    |      |    |      |     |      |     |      |       |      |       |      |      |      |      |      |       |      |        |      |     |      |    |      |     |      |     |      |     |      |     |      |       |      |     |      |       |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |       |      |     |      |    |      |       |      |     |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |    |      |    |      |     |      |     |      |    |      |    |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |     |                           |  |  |  |                                   |  |  |  |                          |  |  |  |  |  |      |  |
| 1805  | 1,840                                | 1805                      | 1,840*              |                                    |                     |                      |                                      |  |  |              |              |                 |          |          |          |          |  |      |     |      |    |      |    |      |    |      |     |      |     |      |       |      |       |      |      |      |      |      |       |      |        |      |     |      |    |      |     |      |     |      |     |      |     |      |       |      |     |      |       |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |       |      |     |      |    |      |       |      |     |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |    |      |    |      |     |      |     |      |    |      |    |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |     |                           |  |  |  |                                   |  |  |  |                          |  |  |  |  |  |      |  |
| 1251  | 110                                  | 2251                      | 55                  |                                    |                     |                      |                                      |  |  |              |              |                 |          |          |          |          |  |      |     |      |    |      |    |      |    |      |     |      |     |      |       |      |       |      |      |      |      |      |       |      |        |      |     |      |    |      |     |      |     |      |     |      |     |      |       |      |     |      |       |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |       |      |     |      |    |      |       |      |     |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |    |      |    |      |     |      |     |      |    |      |    |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |     |                           |  |  |  |                                   |  |  |  |                          |  |  |  |  |  |      |  |
| 1252  | 420                                  | 2252                      | 210                 |                                    |                     |                      |                                      |  |  |              |              |                 |          |          |          |          |  |      |     |      |    |      |    |      |    |      |     |      |     |      |       |      |       |      |      |      |      |      |       |      |        |      |     |      |    |      |     |      |     |      |     |      |     |      |       |      |     |      |       |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |       |      |     |      |    |      |       |      |     |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |    |      |    |      |     |      |     |      |    |      |    |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |     |                           |  |  |  |                                   |  |  |  |                          |  |  |  |  |  |      |  |
| 1253  | 950                                  | 2253                      | 475                 |                                    |                     |                      |                                      |  |  |              |              |                 |          |          |          |          |  |      |     |      |    |      |    |      |    |      |     |      |     |      |       |      |       |      |      |      |      |      |       |      |        |      |     |      |    |      |     |      |     |      |     |      |     |      |       |      |     |      |       |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |       |      |     |      |    |      |       |      |     |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |    |      |    |      |     |      |     |      |    |      |    |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |     |                           |  |  |  |                                   |  |  |  |                          |  |  |  |  |  |      |  |
| 1254  | 1,480                                | 2254                      | 740                 |                                    |                     |                      |                                      |  |  |              |              |                 |          |          |          |          |  |      |     |      |    |      |    |      |    |      |     |      |     |      |       |      |       |      |      |      |      |      |       |      |        |      |     |      |    |      |     |      |     |      |     |      |     |      |       |      |     |      |       |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |       |      |     |      |    |      |       |      |     |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |    |      |    |      |     |      |     |      |    |      |    |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |     |                           |  |  |  |                                   |  |  |  |                          |  |  |  |  |  |      |  |
| 1255  | 2,010                                | 2255                      | 1,005               |                                    |                     |                      |                                      |  |  |              |              |                 |          |          |          |          |  |      |     |      |    |      |    |      |    |      |     |      |     |      |       |      |       |      |      |      |      |      |       |      |        |      |     |      |    |      |     |      |     |      |     |      |     |      |       |      |     |      |       |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |       |      |     |      |    |      |       |      |     |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |    |      |    |      |     |      |     |      |    |      |    |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |     |                           |  |  |  |                                   |  |  |  |                          |  |  |  |  |  |      |  |
| 1401  | 330                                  | 2401                      | 165                 |                                    |                     |                      |                                      |  |  |              |              |                 |          |          |          |          |  |      |     |      |    |      |    |      |    |      |     |      |     |      |       |      |       |      |      |      |      |      |       |      |        |      |     |      |    |      |     |      |     |      |     |      |     |      |       |      |     |      |       |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |       |      |     |      |    |      |       |      |     |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |    |      |    |      |     |      |     |      |    |      |    |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |     |                           |  |  |  |                                   |  |  |  |                          |  |  |  |  |  |      |  |
| 1402  | 330                                  | 2402                      | 165                 |                                    |                     |                      |                                      |  |  |              |              |                 |          |          |          |          |  |      |     |      |    |      |    |      |    |      |     |      |     |      |       |      |       |      |      |      |      |      |       |      |        |      |     |      |    |      |     |      |     |      |     |      |     |      |       |      |     |      |       |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |       |      |     |      |    |      |       |      |     |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |    |      |    |      |     |      |     |      |    |      |    |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |     |                           |  |  |  |                                   |  |  |  |                          |  |  |  |  |  |      |  |
| 1403  | 290                                  | 2403                      | 145                 |                                    |                     |                      |                                      |  |  |              |              |                 |          |          |          |          |  |      |     |      |    |      |    |      |    |      |     |      |     |      |       |      |       |      |      |      |      |      |       |      |        |      |     |      |    |      |     |      |     |      |     |      |     |      |       |      |     |      |       |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |       |      |     |      |    |      |       |      |     |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |    |      |    |      |     |      |     |      |    |      |    |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |     |                           |  |  |  |                                   |  |  |  |                          |  |  |  |  |  |      |  |
| 1451  | 1,510                                | 1451                      | 1,510               |                                    |                     |                      |                                      |  |  |              |              |                 |          |          |          |          |  |      |     |      |    |      |    |      |    |      |     |      |     |      |       |      |       |      |      |      |      |      |       |      |        |      |     |      |    |      |     |      |     |      |     |      |     |      |       |      |     |      |       |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |       |      |     |      |    |      |       |      |     |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |    |      |    |      |     |      |     |      |    |      |    |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |     |                           |  |  |  |                                   |  |  |  |                          |  |  |  |  |  |      |  |
| 1452  | 110                                  | 2452                      | 55                  |                                    |                     |                      |                                      |  |  |              |              |                 |          |          |          |          |  |      |     |      |    |      |    |      |    |      |     |      |     |      |       |      |       |      |      |      |      |      |       |      |        |      |     |      |    |      |     |      |     |      |     |      |     |      |       |      |     |      |       |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |       |      |     |      |    |      |       |      |     |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |    |      |    |      |     |      |     |      |    |      |    |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |     |                           |  |  |  |                                   |  |  |  |                          |  |  |  |  |  |      |  |
| 1453  | 1,330                                | 2453                      | 665                 |                                    |                     |                      |                                      |  |  |              |              |                 |          |          |          |          |  |      |     |      |    |      |    |      |    |      |     |      |     |      |       |      |       |      |      |      |      |      |       |      |        |      |     |      |    |      |     |      |     |      |     |      |     |      |       |      |     |      |       |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |       |      |     |      |    |      |       |      |     |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |    |      |    |      |     |      |     |      |    |      |    |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |     |                           |  |  |  |                                   |  |  |  |                          |  |  |  |  |  |      |  |
| 1501  | 1,330                                | 2501                      | 665                 |                                    |                     |                      |                                      |  |  |              |              |                 |          |          |          |          |  |      |     |      |    |      |    |      |    |      |     |      |     |      |       |      |       |      |      |      |      |      |       |      |        |      |     |      |    |      |     |      |     |      |     |      |     |      |       |      |     |      |       |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |       |      |     |      |    |      |       |      |     |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |    |      |    |      |     |      |     |      |    |      |    |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |     |                           |  |  |  |                                   |  |  |  |                          |  |  |  |  |  |      |  |
| 1502  | 480                                  | 2502                      | 240                 |                                    |                     |                      |                                      |  |  |              |              |                 |          |          |          |          |  |      |     |      |    |      |    |      |    |      |     |      |     |      |       |      |       |      |      |      |      |      |       |      |        |      |     |      |    |      |     |      |     |      |     |      |     |      |       |      |     |      |       |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |       |      |     |      |    |      |       |      |     |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |    |      |    |      |     |      |     |      |    |      |    |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |     |                           |  |  |  |                                   |  |  |  |                          |  |  |  |  |  |      |  |
| 1503  | 640                                  | 2503                      | 320                 |                                    |                     |                      |                                      |  |  |              |              |                 |          |          |          |          |  |      |     |      |    |      |    |      |    |      |     |      |     |      |       |      |       |      |      |      |      |      |       |      |        |      |     |      |    |      |     |      |     |      |     |      |     |      |       |      |     |      |       |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |       |      |     |      |    |      |       |      |     |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |    |      |    |      |     |      |     |      |    |      |    |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |     |                           |  |  |  |                                   |  |  |  |                          |  |  |  |  |  |      |  |
| 1406  | 130                                  | 1460                      | 130                 |                                    |                     |                      |                                      |  |  |              |              |                 |          |          |          |          |  |      |     |      |    |      |    |      |    |      |     |      |     |      |       |      |       |      |      |      |      |      |       |      |        |      |     |      |    |      |     |      |     |      |     |      |     |      |       |      |     |      |       |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |       |      |     |      |    |      |       |      |     |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |    |      |    |      |     |      |     |      |    |      |    |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |     |                           |  |  |  |                                   |  |  |  |                          |  |  |  |  |  |      |  |
| 1807  | 50                                   | 1807                      | 50                  |                                    |                     |                      |                                      |  |  |              |              |                 |          |          |          |          |  |      |     |      |    |      |    |      |    |      |     |      |     |      |       |      |       |      |      |      |      |      |       |      |        |      |     |      |    |      |     |      |     |      |     |      |     |      |       |      |     |      |       |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |       |      |     |      |    |      |       |      |     |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |    |      |    |      |     |      |     |      |    |      |    |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |     |                           |  |  |  |                                   |  |  |  |                          |  |  |  |  |  |      |  |
| 1806  | 180                                  | 1806                      | 180                 |                                    |                     |                      |                                      |  |  |              |              |                 |          |          |          |          |  |      |     |      |    |      |    |      |    |      |     |      |     |      |       |      |       |      |      |      |      |      |       |      |        |      |     |      |    |      |     |      |     |      |     |      |     |      |       |      |     |      |       |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |       |      |     |      |    |      |       |      |     |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |    |      |    |      |     |      |     |      |    |      |    |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |     |                           |  |  |  |                                   |  |  |  |                          |  |  |  |  |  |      |  |
| 8021  | 40                                   | 8021                      | 40                  |                                    |                     |                      |                                      |  |  |              |              |                 |          |          |          |          |  |      |     |      |    |      |    |      |    |      |     |      |     |      |       |      |       |      |      |      |      |      |       |      |        |      |     |      |    |      |     |      |     |      |     |      |     |      |       |      |     |      |       |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |       |      |     |      |    |      |       |      |     |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |    |      |    |      |     |      |     |      |    |      |    |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |     |                           |  |  |  |                                   |  |  |  |                          |  |  |  |  |  |      |  |
| 1809  | 770                                  | 2809                      | 385                 |                                    |                     |                      |                                      |  |  |              |              |                 |          |          |          |          |  |      |     |      |    |      |    |      |    |      |     |      |     |      |       |      |       |      |      |      |      |      |       |      |        |      |     |      |    |      |     |      |     |      |     |      |     |      |       |      |     |      |       |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |       |      |     |      |    |      |       |      |     |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |    |      |    |      |     |      |     |      |    |      |    |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |     |                           |  |  |  |                                   |  |  |  |                          |  |  |  |  |  |      |  |
| 1810  | 770                                  | 2810                      | 385                 |                                    |                     |                      |                                      |  |  |              |              |                 |          |          |          |          |  |      |     |      |    |      |    |      |    |      |     |      |     |      |       |      |       |      |      |      |      |      |       |      |        |      |     |      |    |      |     |      |     |      |     |      |     |      |       |      |     |      |       |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |       |      |     |      |    |      |       |      |     |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |    |      |    |      |     |      |     |      |    |      |    |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |     |                           |  |  |  |                                   |  |  |  |                          |  |  |  |  |  |      |  |
| 1801  | 770                                  | 2801                      | 385                 |                                    |                     |                      |                                      |  |  |              |              |                 |          |          |          |          |  |      |     |      |    |      |    |      |    |      |     |      |     |      |       |      |       |      |      |      |      |      |       |      |        |      |     |      |    |      |     |      |     |      |     |      |     |      |       |      |     |      |       |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |       |      |     |      |    |      |       |      |     |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |    |      |    |      |     |      |     |      |    |      |    |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |     |                           |  |  |  |                                   |  |  |  |                          |  |  |  |  |  |      |  |
| 1802  | 900                                  | 1802                      | 900                 |                                    |                     |                      |                                      |  |  |              |              |                 |          |          |          |          |  |      |     |      |    |      |    |      |    |      |     |      |     |      |       |      |       |      |      |      |      |      |       |      |        |      |     |      |    |      |     |      |     |      |     |      |     |      |       |      |     |      |       |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |       |      |     |      |    |      |       |      |     |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |    |      |    |      |     |      |     |      |    |      |    |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |     |                           |  |  |  |                                   |  |  |  |                          |  |  |  |  |  |      |  |
| Other fee (specify) _____   |                                      |                           |                     |                                    |                     |                      |                                      |  |  |              |              |                 |          |          |          |          |  |      |     |      |    |      |    |      |    |      |     |      |     |      |       |      |       |      |      |      |      |      |       |      |        |      |     |      |    |      |     |      |     |      |     |      |     |      |       |      |     |      |       |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |       |      |     |      |    |      |       |      |     |      |       |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |    |      |    |      |     |      |     |      |    |      |    |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |     |                           |  |  |  |                                   |  |  |  |                          |  |  |  |  |  |      |  |
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|                     |                    |                                      |        |           |               |
|---------------------|--------------------|--------------------------------------|--------|-----------|---------------|
| <b>SUBMITTED BY</b> |                    | <i>Complete (if applicable)</i>      |        |           |               |
| Name (Print/Type)   | Alan E. Schiavetti | Registration No.<br>(Attorney/Agent) | 32,087 | Telephone | 703-312-6600  |
| Signature           |                    |                                      |        | Date      | March 2, 2004 |

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